

L27 ANSWER 26 OF 48 CAPLUS COPYRIGHT 2003 ACS

AN 1989:232596 CAPLUS Full-text

DN 110:232596

TI Stabilizers for vinyl chloride polymers for outdoor use

IN Svorcik, Vaclav; Vymazal, Zdenek; Vymazalova, Zdena; Kralicek, Jaroslav
PA Czech.

SO Czech., 8 pp.

CODEN: CZXXA9

DT Patent

LA Czech

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 246381	B1	19861016	CS 1985-1929	19850319
PR:	CS 1985-1929		19850319		

AB PVC resistant to discoloration, CO₂H group formation, and loss of mol. weight and mech. properties contains (hydroxy)stearates or organic compds. of Sn, Sb or Pb, epoxides or P compds. containing secondary OH groups, and, optionally, polyethylene wax or glycerol esters of C12-18 acids and UV absorbers as stabilizers. A 100- μ m sheet of PVC containing 3 phr mixture of 60% Ca stearate and 40% 1,4-pentanediol (I) was stable in outdoor exposure for 360 days; vs. 200 without II.

IT 9002-86-2, Poly(vinyl chloride)

RL: USES (Uses)

(stabilizers for weathering-resistant)

IT 57-55-6, 1,2-Propanediol, uses and miscellaneous

RL: USES (Uses)

(stabilizers, for weather-resistant PVC)